

scanning all frequency channels.

6. (Amended) The high-speed roaming method of a wireless LAN according to claim 1,
wherein

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Concl.
said mobile terminal is connected to said access point having a best communication
situation, by scanning all connectable access points out of said access points provided in the
network at a rising time.

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Please add the following new claims:

—7. (New) The high speed roaming method of a wireless LAN according to claim 2, wherein
when said mobile terminal is connected to said access point having a best radio
situation, said mobile terminal is connected subsequently to said access point having a second
best radio situation. —

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—8. (New) The high speed roaming method of a wireless LAN according to claim 3, wherein
when said mobile terminal is connected to said access point having a best radio
situation, said mobile terminal is connected subsequently to said access point having a second
best radio situation. —

—9. (New) The high-speed roaming method of a wireless LAN according to claim 2, wherein
when said mobile terminal is not connected to all neighboring access points, said
mobile terminal is connected to said access point having a good communication situation by
scanning all frequency channels.

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—10. (New) The high-speed roaming method of a wireless LAN according to claim 3, wherein
when said mobile terminal is not connected to all neighboring access points, said
mobile terminal is connected to said access point having a good communication situation by
scanning all frequency channels. —

—11. (New) The high-speed roaming method of a wireless LAN according to claim 4, wherein
when said mobile terminal is not connected to all neighboring access points, said
mobile terminal is connected to said access point having a good communication situation by
scanning all frequency channels. —

—12. (New) The high-speed roaming method of a wireless LAN according to claim 2, wherein
said mobile terminal is connected to said access point having a best communication
situation, by scanning all connectable access points out of said access points provided in the
network at a rising time. —

—13. (New) The high-speed roaming method of a wireless LAN according to claim 3, wherein
said mobile terminal is connected to said access point having a best communication
situation, by scanning all connectable access points out of said access points provided in the
network at a rising time. —

—14. (New) The high-speed roaming method of a wireless LAN according to claim 4, wherein
said mobile terminal is connected to said access point having a best communication
situation, by scanning all connectable access points out of said access points provided in the

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network at a rising time.—

15. (New) The high-speed roaming method of a wireless LAN according to claim 5, wherein
said mobile terminal is connected to said access point having a best communication
situation, by scanning all connectable access points out of said access points provided in the
network at a rising time.—

16. (New) The high-speed roaming method of a wireless LAN according to claim 7, wherein
said mobile terminal is connected to said access point having a best communication
situation, by scanning all connectable access points out of said access points provided in the
network at a rising time.—

17. (New) The high-speed roaming method of a wireless LAN according to claim 8, wherein
said mobile terminal is connected to said access point having a best communication
situation, by scanning all connectable access points out of said access points provided in the
network at a rising time.—

18. (New) The high-speed roaming method of a wireless LAN according to claim 9, wherein
said mobile terminal is connected to said access point having a best communication
situation, by scanning all connectable access points out of said access points provided in the
network at a rising time.—

19. (New) The high-speed roaming method of a wireless LAN according to claim 10,

wherein

said mobile terminal is connected to said access point having a best communication situation, by scanning all connectable access points out of said access points provided in the network at a rising time.—

20. (New) The high-speed roaming method of a wireless LAN according to claim 11,
wherein

said mobile terminal is connected to said access point having a best communication situation, by scanning all connectable access points out of said access points provided in the network at a rising time.